

Professional Installation Attestation

Date: 2024-01-17

FCC ID: **2BCBB-7945167**

We, **Nederman Corporation** hereby declare the requirements of KDB 353028 D01 Antennas Part 15.203 have been met and shown on the following questions. Further we declare that the info listed below are correct and represent the product in consideration under this filing.

1. Professional installation must be justified.

Description: The device is installed in industrial environments and requires specially trained professionals to configure and commission product. For more details please refer to the installation manual exhibit.

2. Professional installation does not permit use of any antenna with the transmitter, the permitted type of antenna specified as below:

Description: The antenna listed below has been found comply with FCC Rule Part 15 requirements and is provided as part of the equipment. For additional details please refer to the corresponding test reports. Verification of the proper antennae will be completed during the professional installation and commissioning process.

Electrical Specifications

Parameters	Min.	Typ.	Max.	Units	Note
Center Frequency		915		MHz	
VSWR			2.5		
Polarization	Linear				
Impedance		50		Ω	
Gain		3		dBi	

Mechanical Characteristics

Parameters	Description
Mounting	Connector
Connector	SMA Male

3. The applicant should address the following items when justifying professional installation

- (1) To qualify for professional installation, please explain why the hardware is not readily available to average consumer**

Description: This product is an engineered solution that is only proposed and sold after a review by factory trained sales engineers in order to determine if the technology can be properly applied.

- (2) **Marketing—Applicant must ensure device cannot be sold via retail to the general public or by mail order.**

Description: This product will be sold through Nederman channel only to authorized dealers and is not available via web, mail or retail.

- (3) **Applicant must show that intended use is not for consumers and general public.**

Description: Devices are intended to be installed onto an existing or new industrial air pollution control system within manufacturing settings. There is not a practical use for this product outside of industrial filtration systems.

- (4) **Explain what is unique, sophisticated, complex, or specialized about the equipment that REQUIRES it to be installed by a professional installer?**

Description: The system is integrated into new or existing industrial air pollution control systems and is intended to provide airflow control across complex, duct systems to ensure proper airflow at each extraction point and energy efficiency. Designing, installing and commissioning these systems requires a factory trained individual that can measure and calibrate the airflow within duct systems, interconnects to existing equipment to notify when extraction is required, connection to existing automation controls and variable frequency drives. Without a trained professional, end users would not be able to set-up, configure the software or operate the system.

4. Other professional installation requirements.

- (1) **Installation must be controlled.**

Description: Installation and commissioning will be available only through factory trained and authorized service technicians.

- (2) **Installed by licensed professionals (e.g., device sold to dealer who hire installers).**

Description: The physical installation will be completed by a licensed electrician per specifications provided by Nederman followed by the configuration and commissioning by a factory trained and authorized service technician.

- (3) **Installation requires special training (e.g., special programming, access to keypad, field strength measurements made).**

Description: To function, the product requires a unique configuration file based on the specific installation requirements that must be loaded into the software and requires a factory password. Training is required to know the correct load point and configuration settings for proper function.



If you should have any question(s) regarding this declaration, please don't hesitate to contact us. Thank you!

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